

BUNKHOUSE REROOF
Wall Creek Wildlife Management Area
FWP# 15-07

**PROJECT DESCRIPTION,
SPECIFICATIONS FOR WORK
and
SPECIAL PROVISIONS**

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1. PROJECT DESCRIPTION

The Project involves construction work associated with the proposed reroof of the Bunkhouse at Wall Creek Wildlife Management Area, ten miles south of Cameron, located in Madison County, Montana, as identified in the project drawings. The project includes removing the existing roofing and underlayment and repair or replacement of individual sheets of existing plywood sheathing that have large holes or may be damaged.

The replacement roof includes new high-temperature-resistant synthetic underlayment specifically designed for steel roofing applications, new mechanically seamed steel roofing panels with a 1" to 2½" standing rib, utilizing a hidden floating clip system and optional sealant, suitable for the existing roof slope. Panels shall be of minimum 24 gauge (.0250") steel and panel width shall be between 16" and 20". This system shall incorporate a continuous ridge vent. The project also includes new integrated steel fascia on drip edges and gable trim, reinstallation of existing gutters and downspouts, and one extended bathroom ventilation duct to east soffit, and such incidentals as may be required to provide a complete and professional job.

The steel roof system shall be warranted against winds of up to 110 MPH and to remain sound, weathertight and fully functional for a period of at least 30 years. The finished roof color shall be similar to current adjacent shop roof and the finish shall be warranted for 30 years.

The project shall be completed by the end of October, 2014.

2. PROJECT RELATED CONTACTS

Project contacts are designated as follows:

Owner:	Montana FWP 1420 E. Sixth Ave. PO Box 200701 Helena, MT 59620-0701	Project Representative:	Dan Stinson FWP Project Manager 600 N. Park Ave. Helena, MT 59620-0701 406-841-4009 (office) 406-431-4033 (cell) 406-841-4004 (fax)
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3. SITE INSPECTION

All Bidders should satisfy themselves as to the construction conditions by personal examination of the site described in this document. Bidders are encouraged to make any investigation necessary to assess the nature of the construction and the difficulties to be encountered.

4. SUBMITTALS REQUIRED WITH PROPOSAL

All proposals shall include related information for the products proposed to be used with the bid. All information shall be collected into a single submittal for the construction and type of product or equipment.

- 4.1 Information must be provided to evaluate the selection of underlayment, mounting system, roofing material, and roof venting proposed.
- 4.2 Mark each copy of each submittal to show which products and options are applicable.
- 4.3 Include the following information, as applicable:
 - a. Manufacturer's catalog cuts.
 - b. Standard color charts.
 - c. Statement of compliance with specified referenced standards.
 - d. Testing by recognized testing agency.

5. SITE INFORMATION

A site survey of the location of subsurface elements has not been done for this Project.

Note that the location of the septic tank and drain field location for this structure is currently unknown. Also unknown is the exact location of power cables from the wind generator location to the structure. Care should be taken when working off of roadway surfaces.

6. ENGINEERING, INSPECTIONS, AND TESTING

The Contractor's work will be periodically tested and observed to insure compliance with the Contract Documents. Complete payment will not be made until the Contractor has demonstrated that the work is complete and has been performed as required.

The Project Representative will periodically monitor the construction of work to determine if the work is being performed in accordance with the contract requirements. The Project Representative does not have the authority or means to control the Contractor's methods of construction. It is, therefore, the Contractor's responsibility to utilize all methods, equipment, manpower, and other means necessary to assure that the work is installed in compliance with the Drawings and Specifications, and laws and regulations applicable to the work. Any discrepancies noted shall be brought to the Contractor's attention, who shall immediately correct the discrepancy. Failure of the Project Representative to detect a discrepancy will not relieve the Contractor of his ultimate responsibility to perform the work as required.

The Contractor shall inspect the work as it is being performed. Any deviation from the Contract requirements shall be immediately corrected. Prior to any scheduled

observation by the Project Representative, the Contractor shall again inspect the work and certify to the Project Representative that he has inspected the work and it meets the requirements of the Contract Documents. If the Project Representative detects a discrepancy between the work and the requirements of the Contract Documents at any time, up to and including final inspection, such work will not be completely paid for until the Contractor has corrected the deficiency.

The work will be subject to review by the Project Representative. The results of all such observations shall be directed to the Contractor only through the Project Representative.

6.1 Services Provided by the Contractor. The Contractor shall provide the following services:

- a. Any field surveys to establish locations, elevations, dimensions, and alignments as stipulated on the Plans.
- b. Preparation and certification of all required shop drawings and submittals as described in these Special Provisions.
- c. The Contractor shall provide the Project Representative with a written schedule of construction. The schedule shall be updated as required to give the Project Representative at least one week's advance notice. The Contractor shall notify the Project Representative immediately of any changes required.

6.2 Services Provided by the Owner. The Owner shall provide the following services at no cost to the Contractor except as required for retests as defined in the Contract Documents.

- a. Power for typical electric tools may be provided from existing facilities. The Contractor is responsible for any power needs beyond what is available from the Bunkhouse.
- b. Contractor's employees may use the sanitary facilities available in the bunkhouse. Contractor is responsible for any additional cleanup beyond normal daily usage.

7. ENGINEERING INTERPRETATIONS

Timely engineering decisions on construction activities or results have an important bearing on the Contractor's schedule. When engineering interpretation affects a plan design or specifications change, it should be realized that more than 24 hours may be required to gain the necessary Owner participation in the decision process including time for formal change order preparation as required.

8. REJECTED WORK

Any defective work or nonconforming materials or equipment that may be discovered at any time prior to the expiration of the warranty period, shall be removed and replaced with work or materials which shall conform to the provisions of the Contract Documents. Any material condemned or rejected shall be removed at once from the project site. Failure on the part of the Project Representative to condemn or reject bad or inferior work or to note nonconforming materials or equipment on the Contractors submittals shall not be construed to imply acceptance of such work. The Owner shall reserve and retain all its rights and remedies at law against the Contractor and its Surety for correction of any and all latent defects discovered after the guarantee period.

The Project Representative will have the authority to reject work which does not conform to the Contract Documents and will promptly provide the Contractor with a list of defective work and nonconforming materials or equipment.

9. UTILITIES

The exact locations of existing utilities on or within the structures that may conflict with the work are not precisely known. It shall be the Contractor's responsibility to ascertain all electric, gas and other utilities and make certain they are not damaged or disconnected through actions of the contractor or the contractor's employees.

9.1 Damage to Utilities and Private Property. The Contractor shall protect all utilities and private property and shall be solely responsible for any damage resulting from his construction activities. The Contractor shall hold the Owner and Project Manager harmless from all actions resulting from his failure to properly protect utilities and private property. All damage to utilities shall be repaired at the Contractor's expense to the full satisfaction of the owner of the damaged utility or property. The Contractor shall provide the Owner with a letter from the owner of the damaged utility or property stating that it has been repaired to the utility owner's full satisfaction.

9.2 Structures. The Contractor shall exercise every precaution to prevent damage to existing buildings or structures in the vicinity of his work. In the event of such damages, he shall repair them to the satisfaction of the owner of the damaged structure at no cost to the Owner.

9.3 Overhead Utilities. The Contractor shall use extreme caution to avoid a conflict, contact, or damage to overhead utilities, such as power lines, streetlights, telephone lines, television lines, poles, or other appurtenances during the course of construction of this project.

- 9.4 Underground Utilities.** The exact locations of existing underground utilities that may conflict with the work are not precisely known. It shall be the Contractor's responsibility to contact the owners of the respective utilities and arrange for field location services. **One Call Locators, 1-800-424-5555**
- 9.5 Owner's Underground Utilities.** The location of the septic tank and drain field location for the bunkhouse is currently unknown and care should be taken when working off of roadway surfaces. Additionally, there are buried power lines connecting the wind generator to the east of the bunkhouse with the battery control system in the basement of the bunkhouse. The Contractor shall exercise every precaution to prevent damage to these underground utilities.
- 9.6 Damage to Utilities and Private Property.** The Contractor shall protect all utilities and private property and shall be solely responsible for any damage resulting from his construction activities. The Contractor shall hold the Owner and Project Representative harmless from all actions resulting from his failure to properly protect utilities and private property. All damage to utilities shall be repaired at the Contractor's expense to the full satisfaction of the owner of the damaged utility or property. The Contractor shall provide the Owner with a letter from the owner of the damaged utility or property stating that it has been repaired to the utility owner's full satisfaction.

10. CONSTRUCTION SAFETY

The Contractor shall be solely and completely responsible for conditions of the jobsite, including safety of all persons (including employees) and property during performance of the work. This requirement shall apply continuously and not be limited to normal working hours. Safety provisions shall conform to U.S. Department of Labor (OSHA), and all other applicable federal, state, county, and local laws, ordinances, codes, and regulations. Where any of these are in conflict, the more stringent requirement shall be followed. The Contractor's failure to thoroughly familiarize himself with the aforementioned safety provisions shall not relieve him from compliance with the obligations and penalties set forth therein.

11. CONSTRUCTION LIMITS AND AREAS OF DISTURBANCE

- 11.1 Construction Limits.** Where construction easements or property lines, are not specifically called out on the Plan Drawings, limit the construction disturbance to 10 feet from structures being reroofed, unless such an area is required for special movements of materials or equipment. Disturbance of those areas accessible to the public shall be minimized as much as

possible and work in such areas shall be performed in such a way as to safeguard the public from all risks and hazards.

- 11.2 Areas of Disturbances.** Approved areas of disturbance are those areas disturbed by construction activities within the construction limits and along designated or approved access routes. Such areas may require regrading to the original contours and seeding and fertilizing if impacts on those areas are deemed necessary by the Project manager.

Other areas that are disturbed by the Contractor's activities outside of the limits noted above will be considered as site damage or unapproved areas of disturbance subject to Repair and Replacement Quality as specified in the General Conditions. This includes areas selected by the Contractor outside the defined construction limits for mobilization, offices, equipment, or material storage. This cost shall be subsidiary to the project and shall not constitute a pay item and shall be considered incidental thereto and no payment shall be made for it.

12. PROTECTION OF ADJACENT IMPROVEMENTS

Retain and protect all adjacent improvements not called for removal on the drawings. Restore all damaged items to pre-existing condition.

13. MATERIALS DISPOSAL

Haul and waste all excavated material to a legal site and obey all state, county, and local disposal restrictions and regulations.

14. STORED MATERIALS

Contractor shall use an approved storage area for materials. Materials and/or equipment purchased by the Contractor may be paid for on a monthly basis providing invoices for said materials and equipment are presented to the Project Manager, and such materials as have been approved through the submittal process are stored and insured.

15. STAGING AND STOCKPILING AREA

Contractor shall use designated staging and stockpiling sites for materials and equipment as approved by the Owner. Staging and stockpiling sites shall be designated at the pre-construction conference.

16. SECURITY

The Contractor shall provide all security measures necessary to assure the protection of equipment, materials in storage, completed work, and the project in general.

17. CLEANUP

Cleanup for each item of work shall be fully completed and accepted before the item is considered final. If the Contractor fails to perform cleanup within a timely manner the Owner reserves the right to shut down construction activities.

18. ACCESS DURING CONSTRUCTION

Provide access to all public and private roadways and approaches along the project throughout the construction period.

19. SANITARY FACILITIES

Designated existing on-site toilet facilities will be available for employees of Contractor and Subcontractors. Care shall be taken by the contractor to see that such facilities are not abused by his employees or subcontractors and that such facilities remain usable by the public.

20. RECORD DRAWINGS

The Contractor's Superintendent shall maintain at the project site, a "Record Set of Drawings" showing field changes, as-built elevations, unusual conditions encountered during construction, and such other data as required to provide the Owner with an accurate "as constructed" set of record drawings. The Contractor shall furnish the "Record Set" to the Project Manager following the Final Inspection of the Project.

The Contractor's final estimate and final payment will not be processed until the "Record Set" of drawings are received and approved by the Project Manager.

END OF SPECIAL PROVISIONS